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# 麻栗坡荨麻,云南荨麻科一新种

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**摘 要** 描述了自云南发现的荨麻科荨麻属一新种,麻栗坡荨麻,并给出其与近缘种的区别特征。

**关键词** 荨麻科;荨麻属;新种;云南

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# *Urtica malipoensis*, A New Species of Urticaceae from Yunnan

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**Abstract** A species of the genus *Urtica* (Urticaceae), *U. malipoensis*, is described as new from Yunnan Province. The digonostic differences between it and its ally are given.

**Key words** Urticaceae; *Urtica*; new species; Yunnan

## 麻栗坡荨麻 图1

**Urtica malipoensis** W. T. Wang, sp. nov. Fig. 1. (Sect. **Ardentes** C. J. Chen)

Species nova haec est arcte affinis *U. fissae* Pritz., quae foliis late ovatis vel ambitu pentagonis vel suborbicularibus saepe palmatim 5-fidis vel 5-partitis, stipulis anguste ovatis vel oblongis differt; habitu ea est similis *U. triangulari* Hand.-Mazz., quae foliis margine tantum dentatis haud lobatis, stipulis ad quemque nodum 4 liberis recedit.

Herb, possibly dioecious. Stem ca. 45 cm tall, at the middle 2 mm across, 4-angulate, longitudinally 4-sulcate, densely puberulous and with stinging hairs. Leaves opposite, those of the same pair slightly unequal in size; blades deep-green, papery, triangular or narrowly triangular, (1.2–)2.5–9 cm long, (0.5–)1.2–5 cm broad, apex acuminate or long acuminate, base truncate, with the base itself cordate, margins at each side 5–7-lobed, lobes triangular or narrowly triangular, at margin 1–3-denticulate, often 1-lobulate; surfaces adaxially appressed-pubescent and puberulous, sometimes with a few stinging hairs as well, abaxially puberulous; venation palmately 5-nerved, with ca. 3 pairs of lateral nerves; cystoliths dense, puncticulate; petioles 0.5–2.5 cm long, with stinging hairs; stipules interpetiolar 2 connate, green, broadly ovate, 3.5–12 mm long, 3.5–6.2 mm broad, glabrous, longitudinally 7–10-nerved, apex rounded-truncate. Staminate thyrses unknown. Pistillate thyrses singly or in pairs axillary, (2.5–)3.5–10 cm long, (1–)2–4 cm broad; peduncles 0.6–2.2 cm long, with rachises and branches densely puberulous. Achene sessile, yellowish-white, strongly bilaterally compressed, suborbicular, ca. 1 mm in diam., very minutely verruculose, smooth, glabrous; persistent tepals 4, greenish, adaxially glabrous, abaxially appressed-puberulous, 2 outer tepals long elliptic, 0.3–0.4 mm long, 0.2–0.3 mm broad, apex acutish, 2 inner tepals orbicular-ovate, ca. 1 mm long and broad, apex rounded.

草本,可能雌雄异株。茎高约45 cm,中部粗2 mm,四棱形,有4条纵沟,密被短柔毛和刺毛。叶

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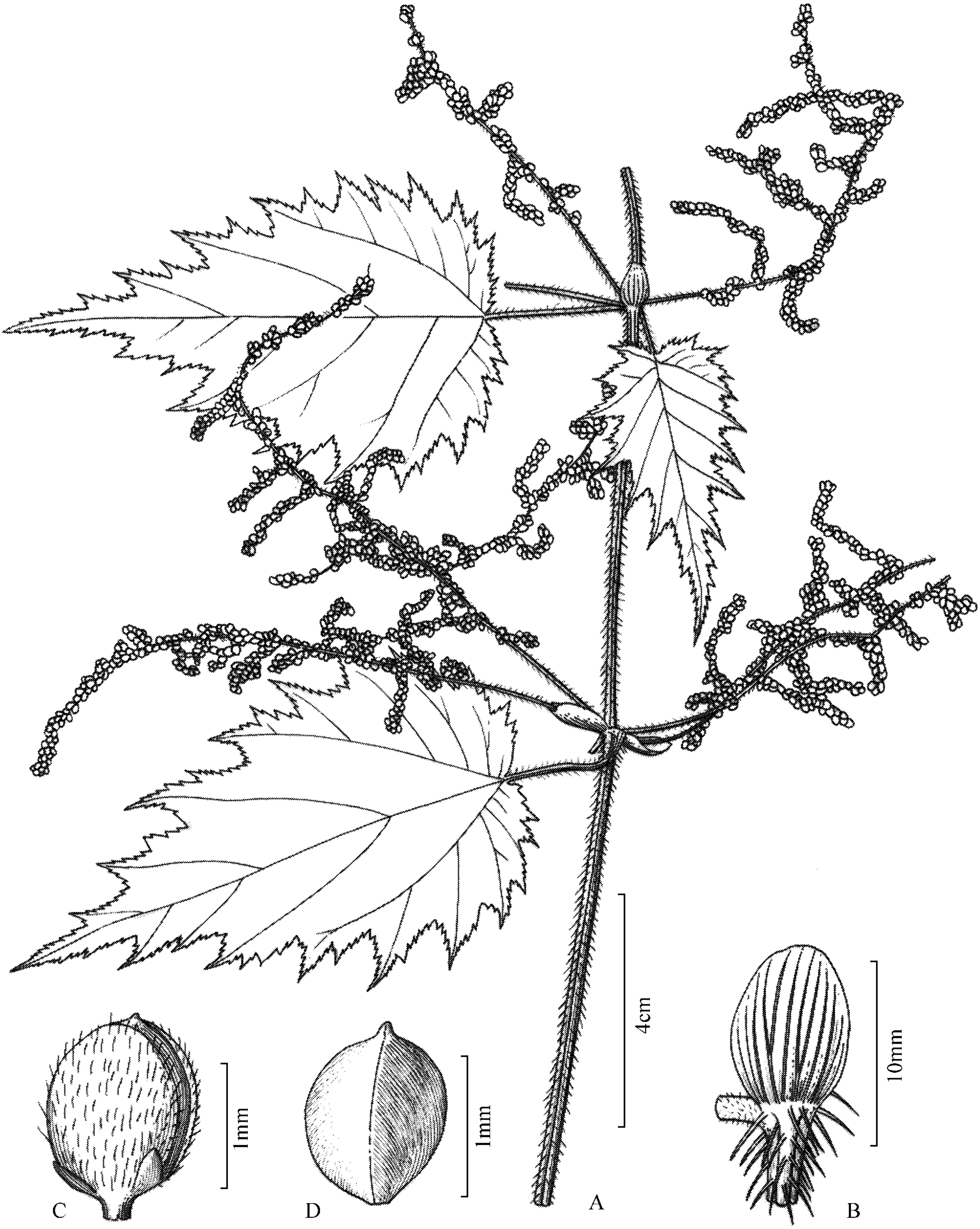



**图 1 麻栗坡荨麻** A. 结果雌茎上部；B. 托叶；C. 宿存花被和瘦果；D 瘦果

**Fig. 1** ***U. malipoensis*** A. Upper part of fruiting pistillate stem; B. Stipule; C. Persistent perianth and achene; D. Achene

对生，同一对叶稍不等大；叶片深绿色，纸质，三角形或狭三角形，长（1.2～）2.5～9 cm，宽（0.5～）1.2～5 cm，顶端渐尖或长渐尖，基部楔形，基部深心形，边缘每侧有5～7浅裂片，裂片三角形或狭三角形，边缘有1～3个小牙齿，常有1小裂片，上面被贴伏柔毛和短柔毛，有时还有少数刺毛，下面被短柔毛，具掌状三出脉，侧脉约3对；钟乳体密，小点状；叶柄长0.5～2.5 cm，具刺毛；2叶柄间托叶合生，绿色，宽卵形，长3.5～12 mm，宽3.5～6.2 mm，无毛，有7～10条纵脉，顶端圆截形。雄聚伞圆锥花序未见。雌聚伞圆锥花序1～2条腋生，长（2.5～）3.5～10 cm，宽（1～）2～4 cm；花序梗长0.6～2.2 cm，与轴均密被短柔毛和少数刺毛；分枝密被短柔毛。瘦果无梗，黄白色，强烈两侧扁压，近圆形，直径约1 mm，表面光滑，有极小疣点，无毛；宿存花被片4，淡绿色，内面无毛，外面被贴伏短柔毛，2外方花被片长椭圆形，长0.3～0.4 mm，宽0.2～0.3 mm，顶端微尖，2内方花被片圆卵形，长和宽均约1 mm，顶端圆形。

云南（Yunnan）：麻栗坡（Malipo），下金厂（Xiajinchang），火烧梁子（Huoshaoliangzi），alt. 1 700 m，山谷（in valley），1998－10－16，王印政，彭华，邓德山，邓云飞，税玉民，朱大海（Y. Z. Wang，H. Peng，D. S. Deng，Y. F. Deng，Y. M. Shui & D. H. Zhu）4048（holotype，PE）。

本种在亲缘关系方面与荨麻（*Urtica fissa* Pritz.）很为接近，与后者的区别在于本种的叶呈三角形或狭三角形，边缘每侧有5～7个浅裂片，托叶长方状宽卵形。在荨麻，叶呈宽卵形，或轮廓为五角形或近圆形，边缘常掌状五中裂或五深裂，托叶狭卵形或长圆形。在体态方面，本种与三角叶荨麻（*U. triangularis* Hand. -Mazz.）相似，但本种的叶浅裂，2叶柄间托叶合生而与后者不同。在三角叶荨麻，叶边缘只具牙齿，不浅裂，在每个节上的托叶4枚，分生[1]。

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